



7-27-06

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Docket No.: SANZ 251  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

Application of: Richert, et al.

Serial No.: 10/694,530

Group Art Unit:

Filed: October 27, 2003

Examiner:

For: CONFIGURATION FOR N CONSUMERS  
OF ELECTRIC ENERGY, OF WHICH M  
CONSUMERS ARE SIMULTANEOUSLY  
SUPPLIED WITH ENERGY

May 24, 2006

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA. 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

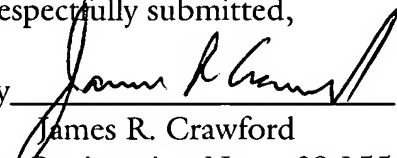
While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

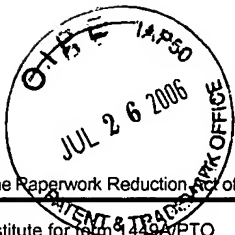
If any fees are due, authorization is given to charge deposit account no: 50-0624.

Dated: 5/24/06

Respectfully submitted,

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/694,530
				Filing Date	October 27, 2003
				First Named Inventor	Lotz, et al.
				Art Unit	
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	NY-SANZ-251 (10313696)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
	CA	Heuck, et al., Elektrische Energieversorgung, (1983), pages 172-175, and 276-279	
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Translation of page 174 of Heuck, et al. "Electrical Energy Supply", after formula 4-126:

With modern households the installed load is about 20 kW. According to experience the power system is, with some exceptions, loaded by far less power

$$P = g \cdot P_a$$

because not all consumers require their nominal power at the same time. The parameter  $g$  is called simultaneity factor; it is 0.3 with a household so that a terminal connection for a household is 7 kW only. If an overloading occurs, the fuses or the line protection will be activated (see chapter 4.12). The simultaneity factor is a mere factor of experience which depends substantially on the kind or number of consumers as well as on the layout of the net, and which is calculated from numerous measurements.